

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES INSTALLING NEW NON-INVASIVE MICROLOOP PROBES.
MD 501 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION OPERATES IN A NEMA THREE PHASE OPERATION.
FULLY ACTUATED MODE. THE MD 501 (CHILLUM ROAD) APPROACHES WILL OPERATE
CONCURRENTLY. A SEPARATE PHASE FOR THE NORTHBOUND 19TH STREET APPROACH WILL
BE PROVIDED.

III. PEDESTRIAN OPERATION

PEDESTRIAN PUSH BUTTONS ARE PRESENT TO CROSS
THE WEST LEG OF THE INTERSECTION.

SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

DISTRICT

MR. VICTOR GRAFTON
UTILITY ENGINEER
301-513-7350

MS. FELECIA MURPHY (PG)
ASSISTANT DISTRICT ENGINEER - TRAFFIC
301-513-7358

MR. DUANE BERNARD
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
301-513-7336

MR. VERNON STINNETT
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
301-513-7304

OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF SR.
CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS
410-787-7630

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
410-787-7650

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
410-787-7670

MS. DARLENE EIDE
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)
410-787-7668

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING
STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 18, 104.03 - 12, 104.03 - 10, 104.03 - 14.

EQUIPMENT LIST

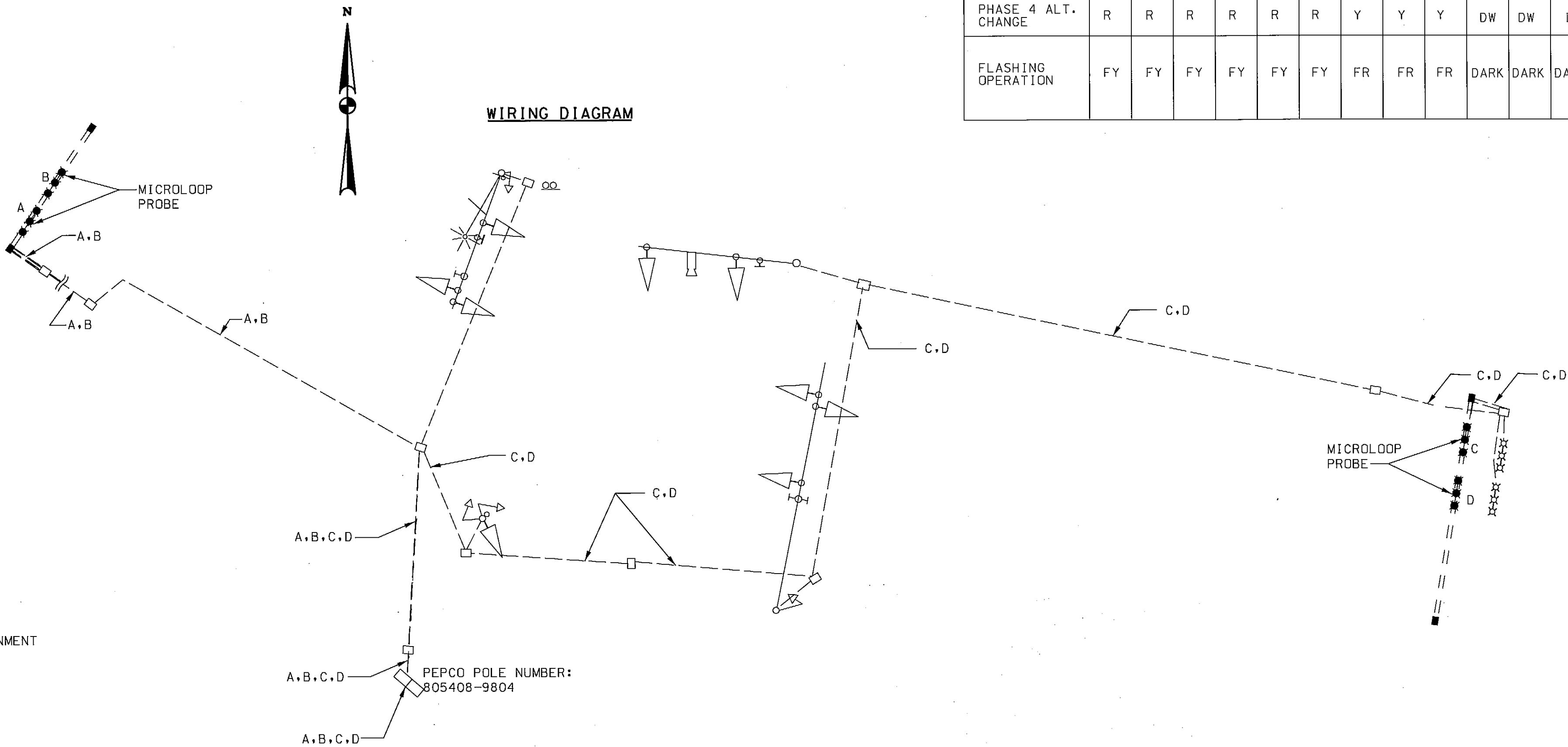
A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION
ITEM NO./ QUANTITY DESCRIPTION
CAT CODE
NONE

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR
LINE NO. ITEM NO./ QUANTITY DESCRIPTION
CAT CODE
1001 120500 EA 1 MAINTENANCE OF TRAFFIC
8006 800000 EA 1 REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8012 800000 LF 110 SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - SLOTTED
8013 800000 LF 30 SCHEDULE 80 RIGID PVC CONDUIT UP TO 4 INCH - TRENCHED
8018 800000 EA 4 NON INVASIVE DETECTOR UP TO 1000 FOOT LEAD-IN CABLE
8019 811001 EA 4 FURNISH AND INSTALL ELECTRICAL HANDHOLE

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13
	(R) Y G 8"	(R) Y G 12"	(R) Y G 12"	(R) Y G 8"	(R) Y G 12"	(R) Y G 12"	(R) Y G 8"	(R) Y G 12"	(R) Y G 12"	(R) Y G 16"	(R) Y G 16"	(R) Y G 16"	(R) Y G 16"
PHASE 2 & 6	G	G	G	G	G	G	R	R	R	WK	WK	DW	DW
PEDESTRIAN CLEARANCE	G	G	G	G	G	G	R	R	R	FDW	FDW	DW	DW
PHASE 2 & 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	DW	DW	DW	DW
PHASE 4	R	R	R	R	R	R	G	G	G	DW	DW	DW	DW
PHASE 4 CHANGE	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
PHASE 4 ALT.	R	R	R	R	R	R	G	G	G	DW	DW	WK	WK
PEDESTRIAN CLEARANCE	R	R	R	R	R	R	G	G	G	DW	DW	FDW	FDW
PHASE 4 ALT. CHANGE	R	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW
FLASHING OPERATION	FY	FY	FY	FY	FY	FY	FR	FR	FR	DARK	DARK	DARK	DARK

WIRING DIAGRAM



WIRING LEGEND

A.B.C.D } MICROLOOP PROBE LEAD-IN CABLE

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
KCI
TECHNOLOGIES
936 RIDGEBROOK ROAD
SPARKS, MARYLAND 21152
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 501 AND 19TH AVE.

SIGNALIZATION PLAN SHEET

SCALE: N/A ADVERTISED DATE: 10/20/10 CONTRACT NO.: XX3555168
DESIGNED BY: A.M.H. COUNTY: PRINCE GEORGE'S
DRAWN BY: L.C.F. LOGMILE: 16050101.02
CHECKED BY: J.F.L. C1W TMS NO.: K477
F.A.P. NO.: TOD NO.:
TS NO. 3537-B DRAWING TS-2 OF 4 SHEET NO. 2 OF 4